

ABSTRACT OF THE DISCLOSURE

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5 The invention relates to an electronic system with modular expansion of its functions, which is of a type including a portable host electronic device associated with an expansion module adapted for quick-connect engagement and disengagement in/from the portable device. The module includes a series of peripheral devices adapted to serve different classes of functions; a non-volatile memory storing information that pertains to configuring the different functions in the module; a re-configurable device adapted to establish connections, implement functional portions, and control all the system components; a control device adapted to cooperate with the host device in guiding the steps for re-configuring the whole system; and a software algorithm adapted to instruct the system to re-configure itself on which function and with which characteristics.

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(Fig. 1)